Lcdmod Kit

C162AB-S1

Crystal Clear mini-itx case

User Manual

Website: http://www.lcdmodkit.com

Rev: 1.01 Aug 2010

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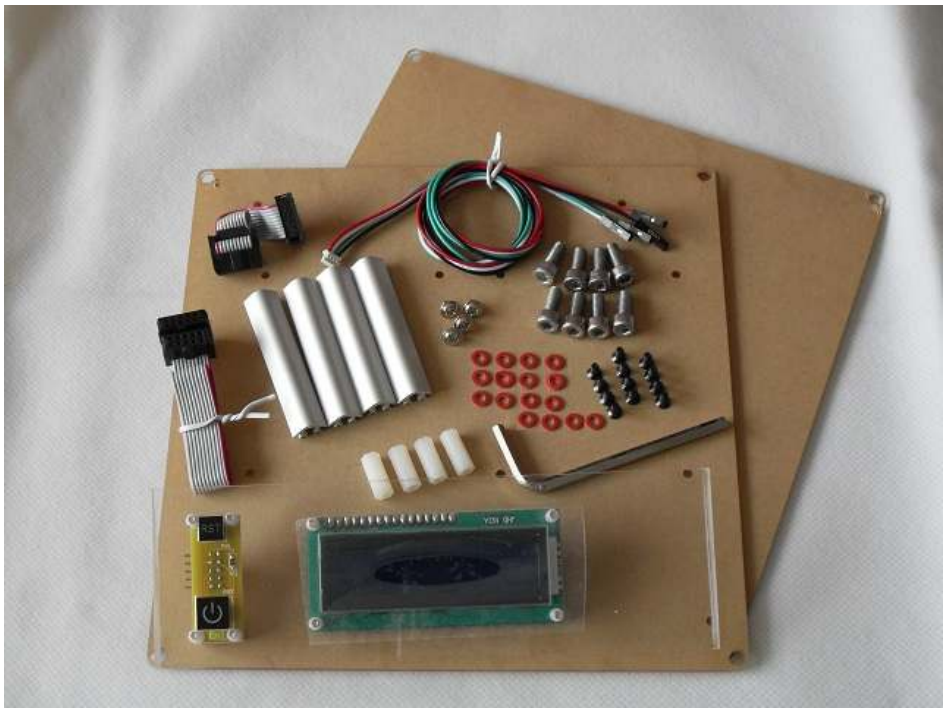
Chapter 1 Introduction

1.1 Package Contents



1.2 Specifiaction

Case	
Case Color	Crystal Clear (Acrylic)
Corner Stand	56mm height Silver White (Surface treated sandblasted aluminium)
Foot Stand	M5 Screw (Aluminium , 4.5mm height)
Dimensions	190 x 190 x 60mm (WxLxH, box height only, not included the height of food stand)
HDD Bays	[2x] 2.5" HDD (under the motherboard)
Foam Factor	mini itx
Internal Height	Total 56mm (15 - 17mm under main board, 1.5mm main board, 39.5 – 37.5mm above main board)

Front Panel LCD	
Data Transfer	USB 1.1 compliant
LCD Resolution	16 Characters x 2 Lines
LCD color	White characters / blue background
Screen Size	76x26 mm
Work with	Lcd Smartie, lcd4linux and LCDProc
Opearting System	Linux, Windows 98, XP, 7 32 & 64 bits
USB connection	Internal USB connector

Chapter 2 Hardware Setup

2.1 Installing hard disk to the bottom crystal clear plate

2.1.1 Place red fiber liners on mounting holes of hard disk

2.1.2 Place bottom crystal clear plate on the top of hard disk and install screws

2.2 Installing corner stands to the bottom crystal clear plate

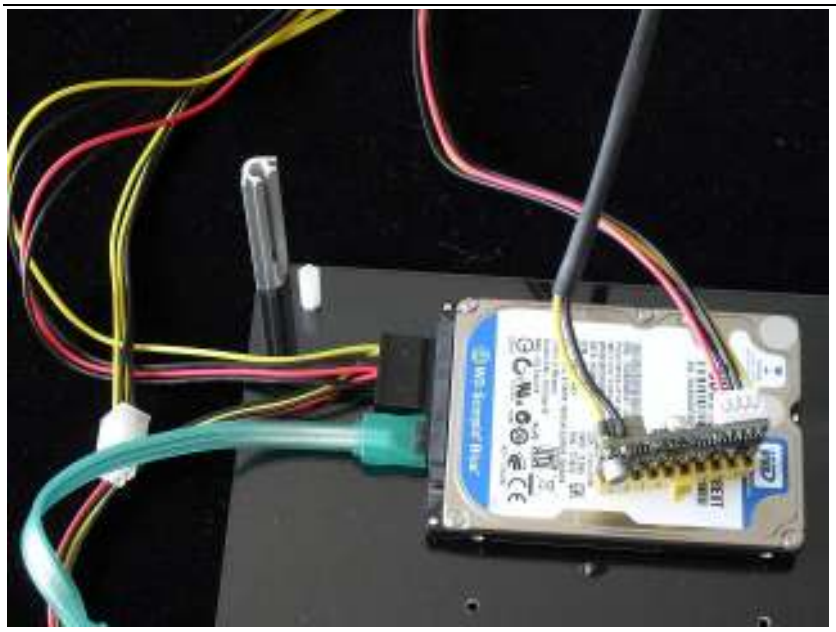
2.3 Installing nylon studs on the bottom crystal clear plate

No use of red fiber liner, studs height is 15mm.

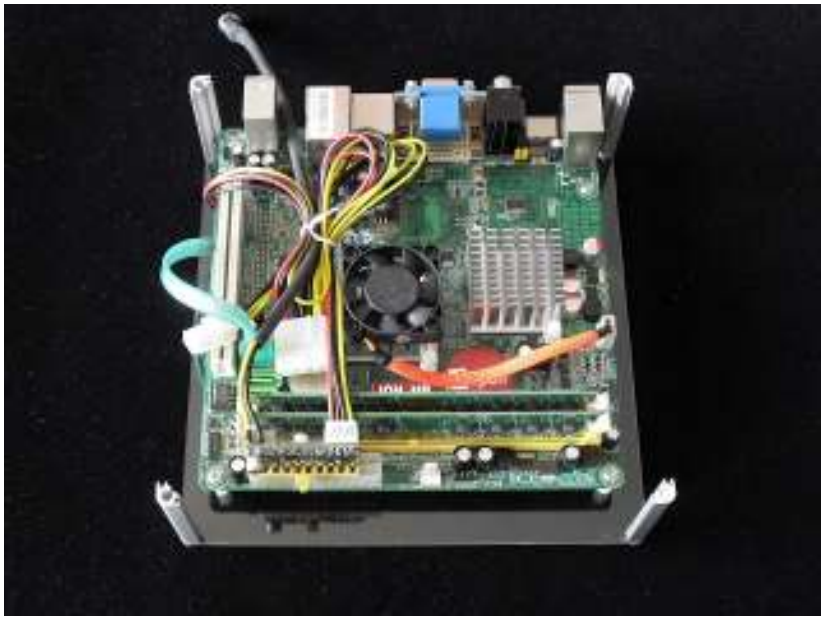
Use 4 pieces 1 mm thickness red fiber liner can adjust studs height to 16mm.

Use 8 pieces 1mm thickness red fiber liner can adjust studs height to 17mm.

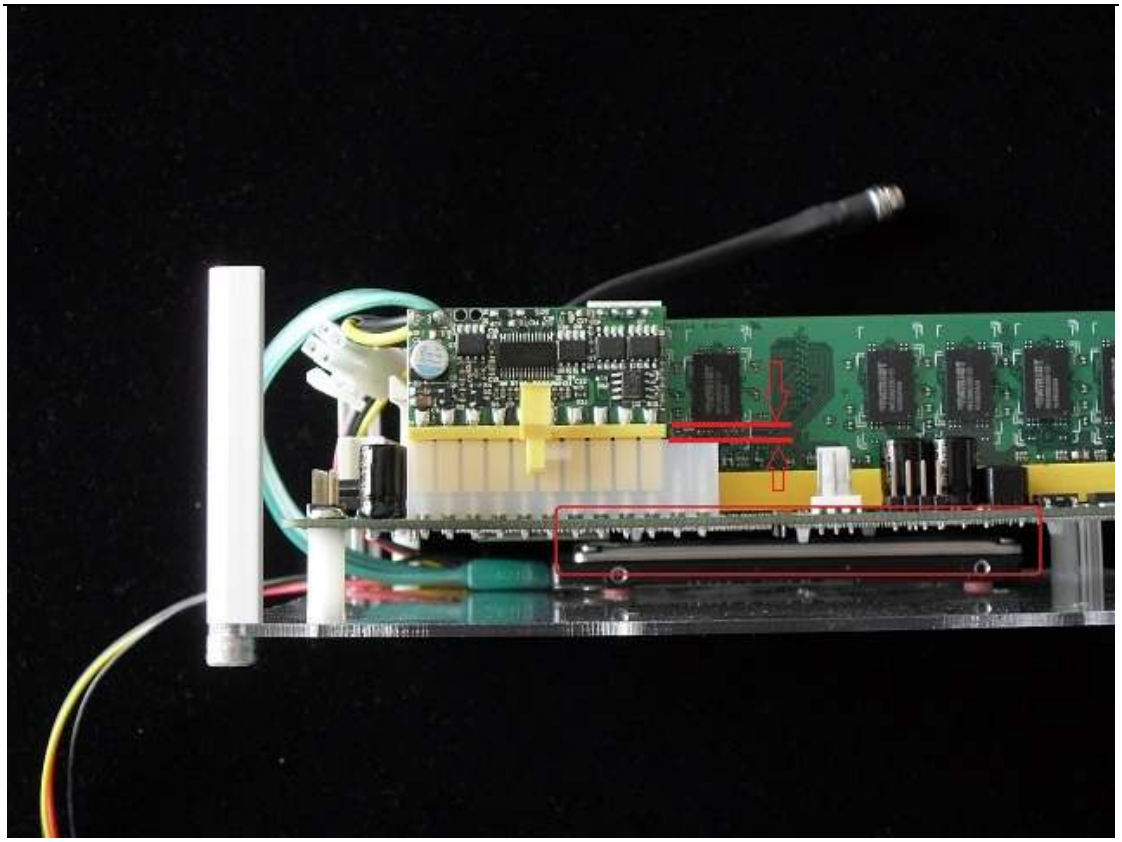
2.4 Connecting SATA data and power cables



2.5 Installing Mainboard

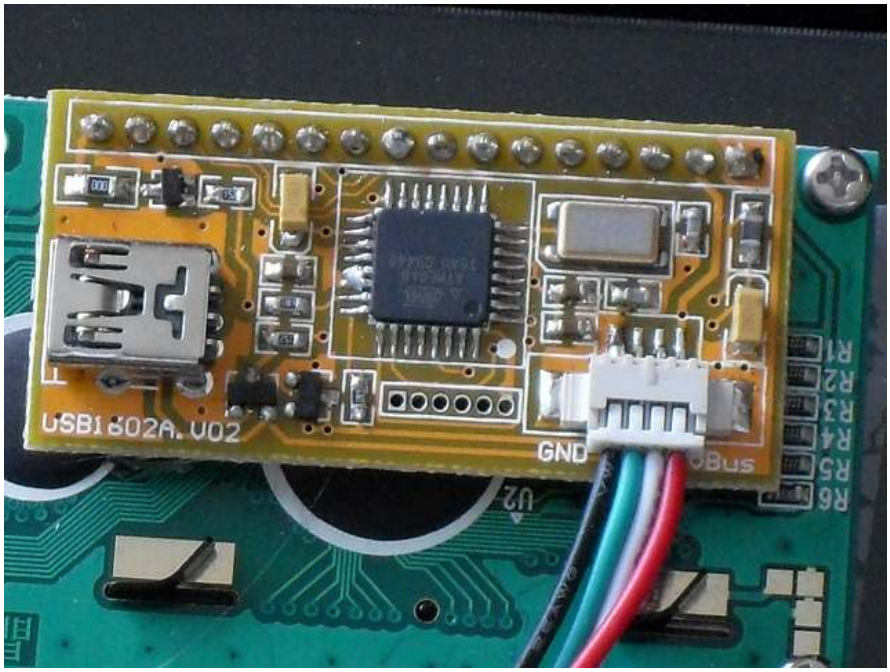


Make sure no contact between motherboard and harddisk. Use low profile type power supply.

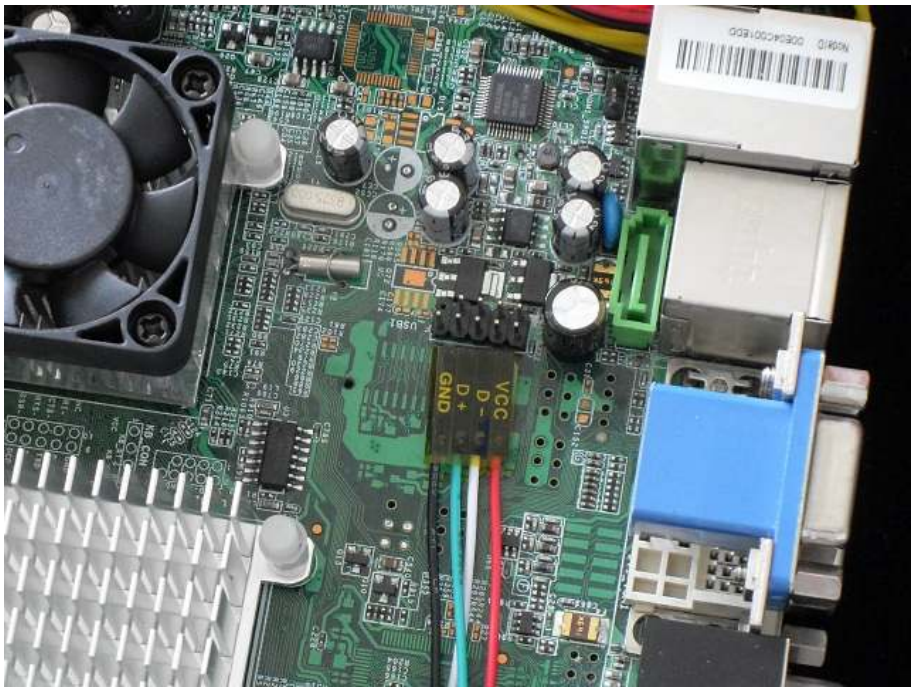


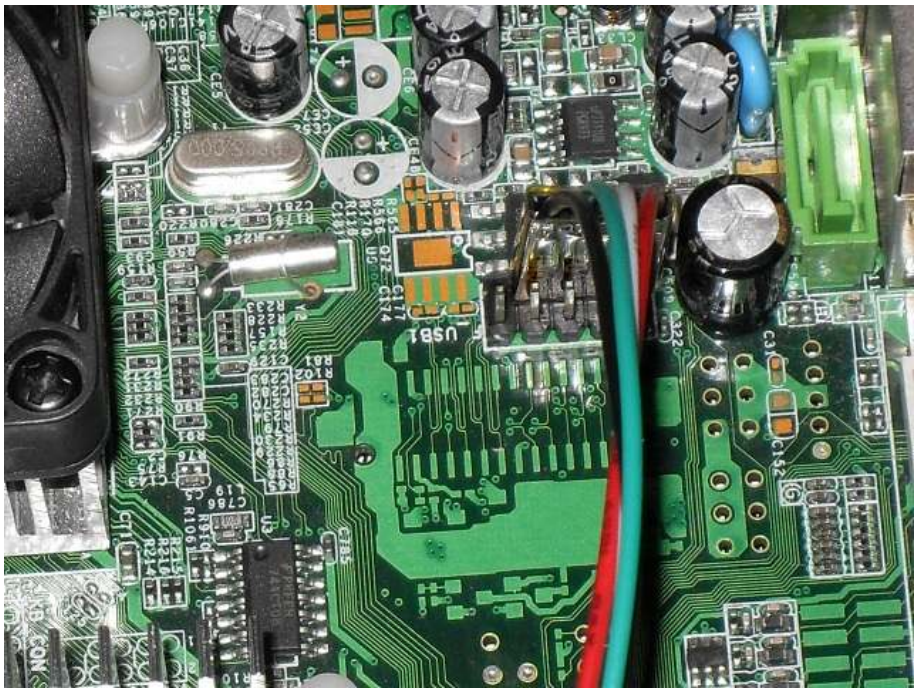
2.6 Connecting internal USB cable

2.6.1 USB LCD module side

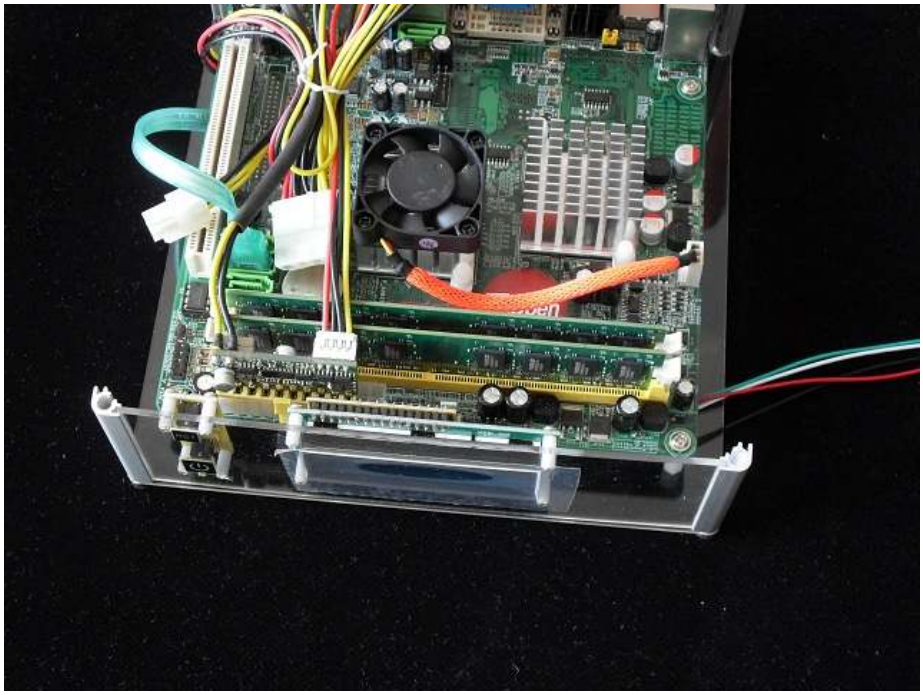


2.6.2 Main board USB port header side





2.7 Installing front crystal clear plate

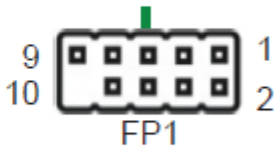


2.8 Connecting front panel switches and indicators

2.8.1 Main board side

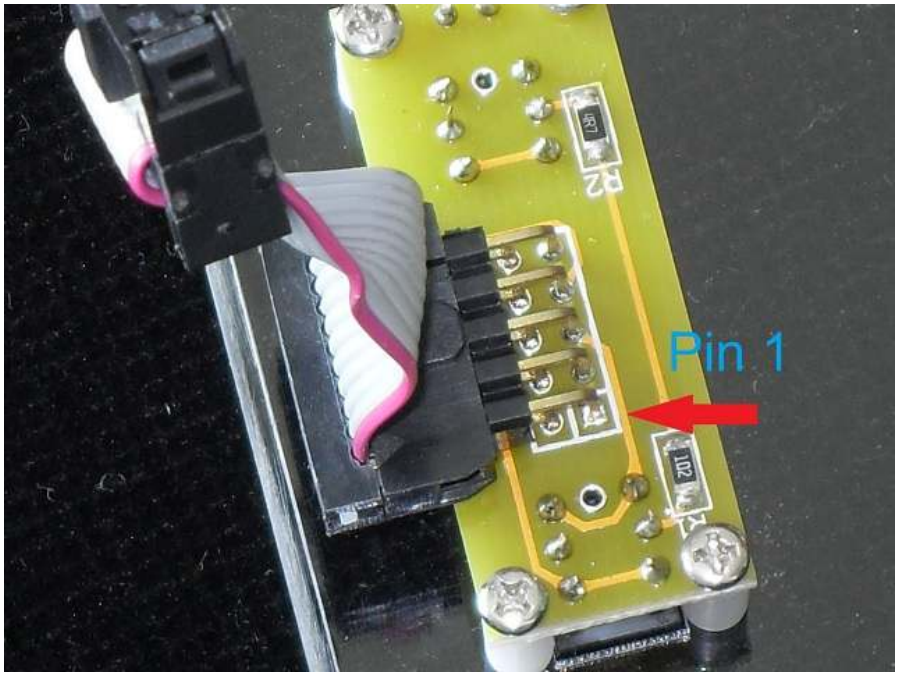
FP1-Pin Definition

Pin	Signal	Pin	Signal
1	HDD_LED+	6	PWR_SW
2	PW_LED+	7	RESET
3	HDD_LED-	8	GND
4	PW_LED-	9	NC
5	GND	10	KEY

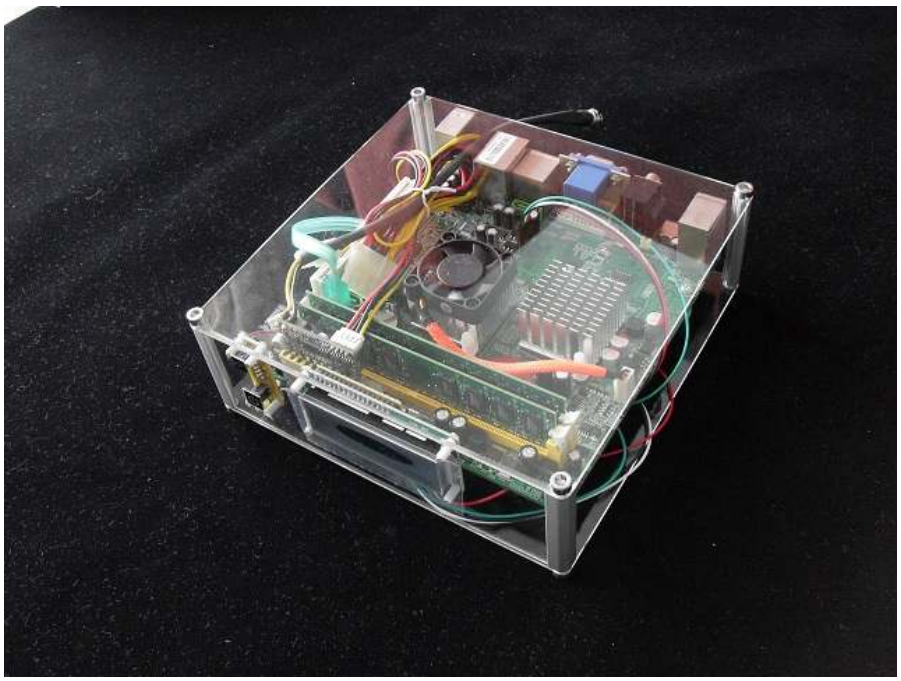


(Important! Red color of cable is pin 1)

2.8.2 Switches and indicators side

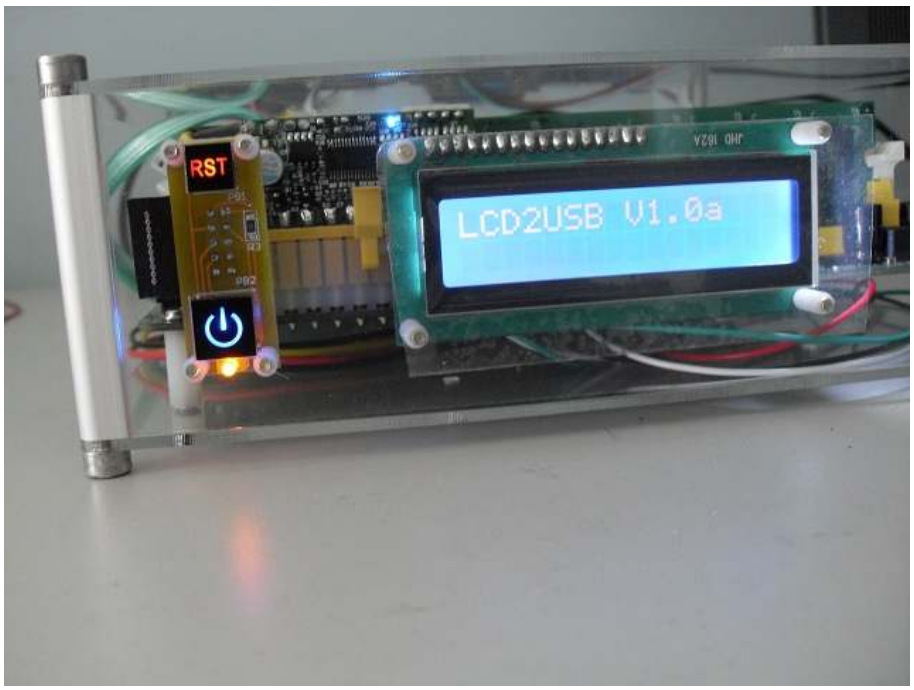


2.9 Installing the top crystal clear plate



Chapter 3 Driver Installation

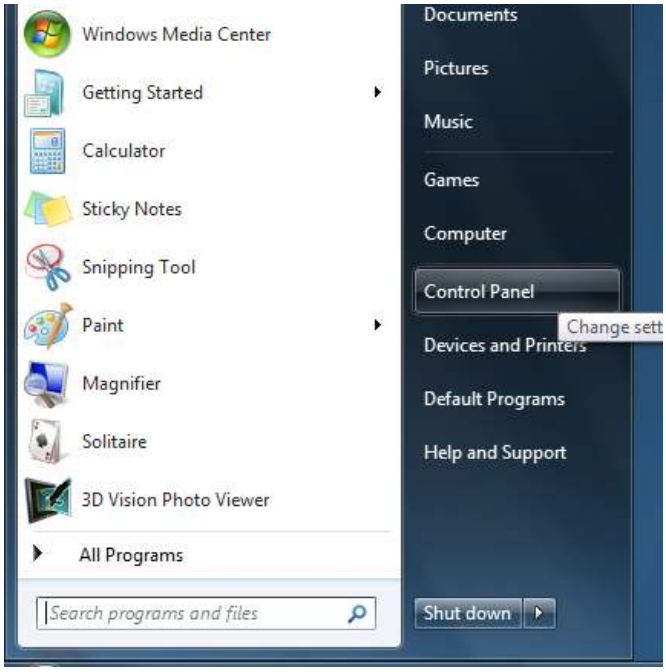
3.1 Power up message



3.2 Error message may be shown on your screen

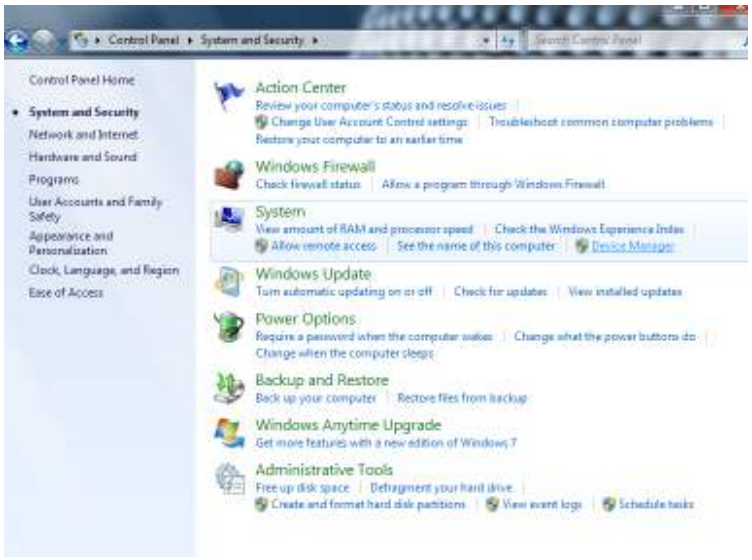
3.3 Copy the driver folder to any driver or desktop of your computer

3.4 Go to “Control Panel”

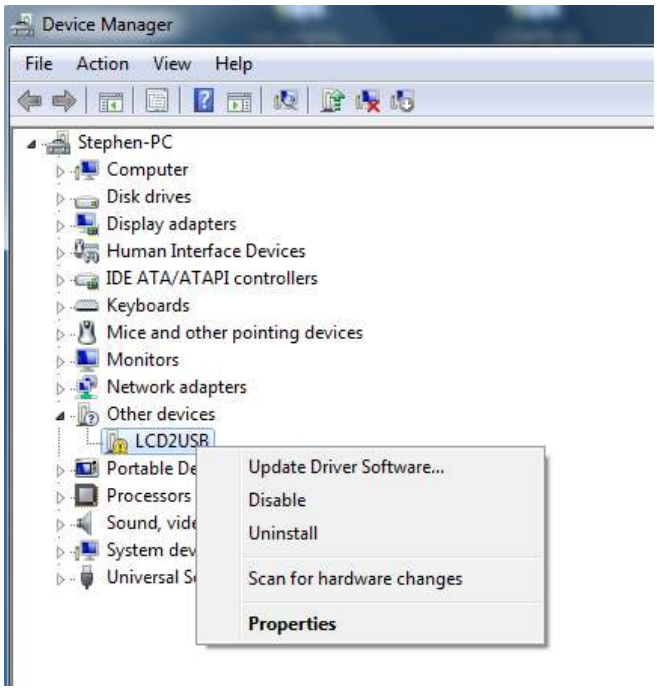


3.5 Go to “System and Security”

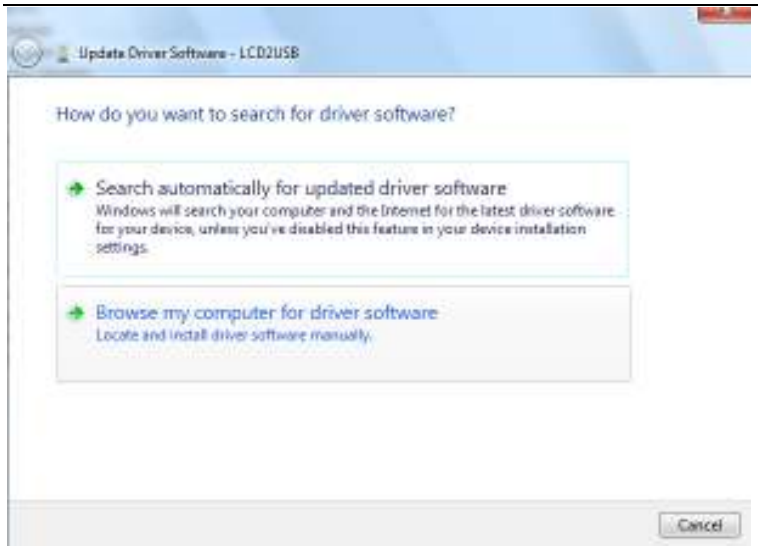
3.6 Go to “Device Manager”


Control Panel ▸ System and Security ▸
Control Panel Home
System and Security
Network and Internet
Hardware and Sound
Programs
User Accounts and Family Safety
Appearance and Personalization
Clock, Language, and Region
Ease of Access
Action Center
Review your computer's status and resolve issues
Change User Account Control settings | Troubleshoot common computer problems
Restore your computer to an earlier time
Windows Firewall
Check firewall status | Allow a program through Windows Firewall
System
View amount of RAM and processor speed | Check the Windows Experience Index
Allow remote access | See the name of this computer | Device Manager
Windows Update
Turn automatic updating on or off | Check for updates | View installed updates
Power Options
Require a password when the computer wakes | Change what the power buttons do
Change when the computer sleeps
Backup and Restore
Back up your computer | Restore files from backup
Windows Anytime Upgrade
Get more features with a new edition of Windows 7
Administrative Tools
Free up disk space | Defragment your hard drive
Create and format hard disk partitions | View event logs | Schedule tasks

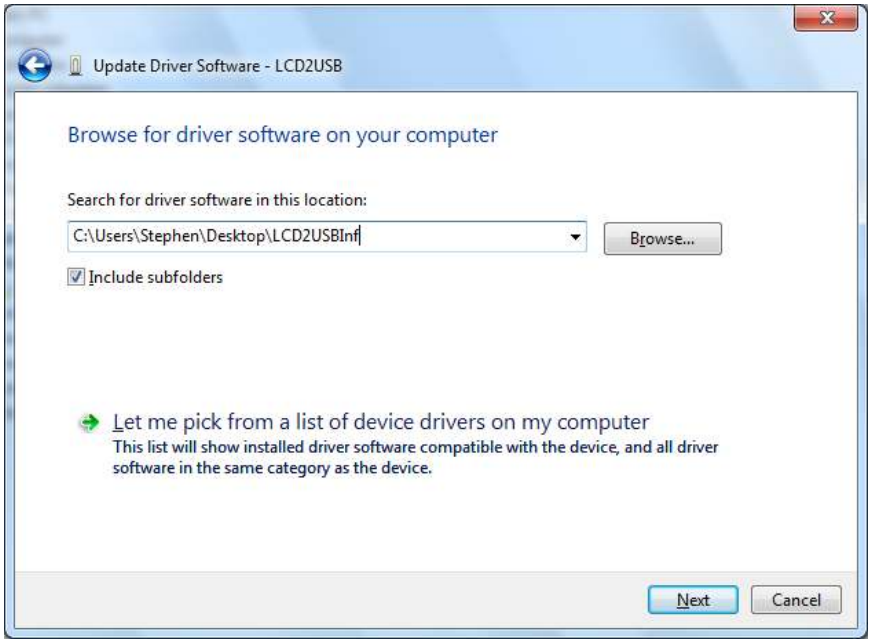
3.7 “LCD2USB” with “!”, right click the mourse and “Update Driver Software”



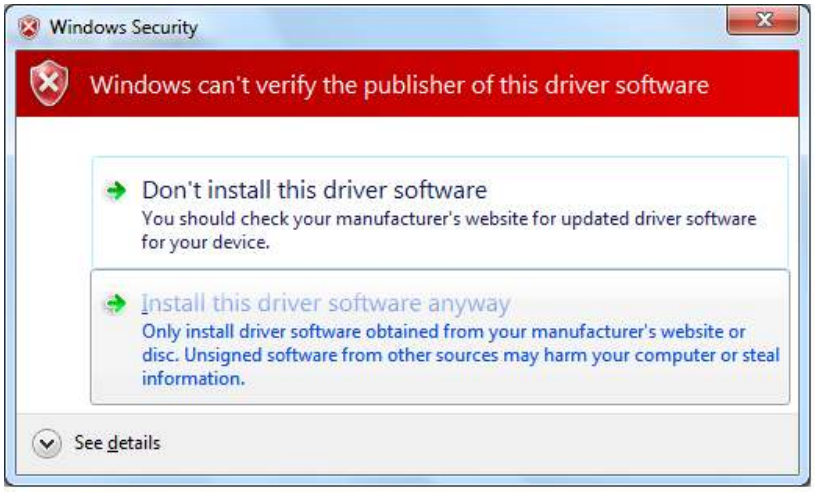
3.8 Choose “Browse my computer for driver software”


Update Driver Software - LCD2USB
How do you want to search for driver software?
Search automatically for updated driver software
Windows will search your computer and the Internet for the latest driver software for your device, unless you've disabled this feature in your device installation settings.
Browse my computer for driver software
Locate and install driver software manually.
Cancel

3.9 Find out the driver folder you copied before


Update Driver Software - LCD2USB
Browse for driver software on your computer
Search for driver software in this location:
C:\Users\Stephen\Desktop\LCD2USBInf
Browse...
Include subfolders
Let me pick from a list of device drivers on my computer
This list will show installed driver software compatible with the device, and all driver software in the same category as the device.
Next
Cancel

3.10 Install this driver anyway


Windows Security
Windows can't verify the publisher of this driver software
Don't install this driver software
You should check your manufacturer's website for updated driver software for your device.
Install this driver software anyway
Only install driver software obtained from your manufacturer's website or disc. Unsigned software from other sources may harm your computer or steal information.
See details

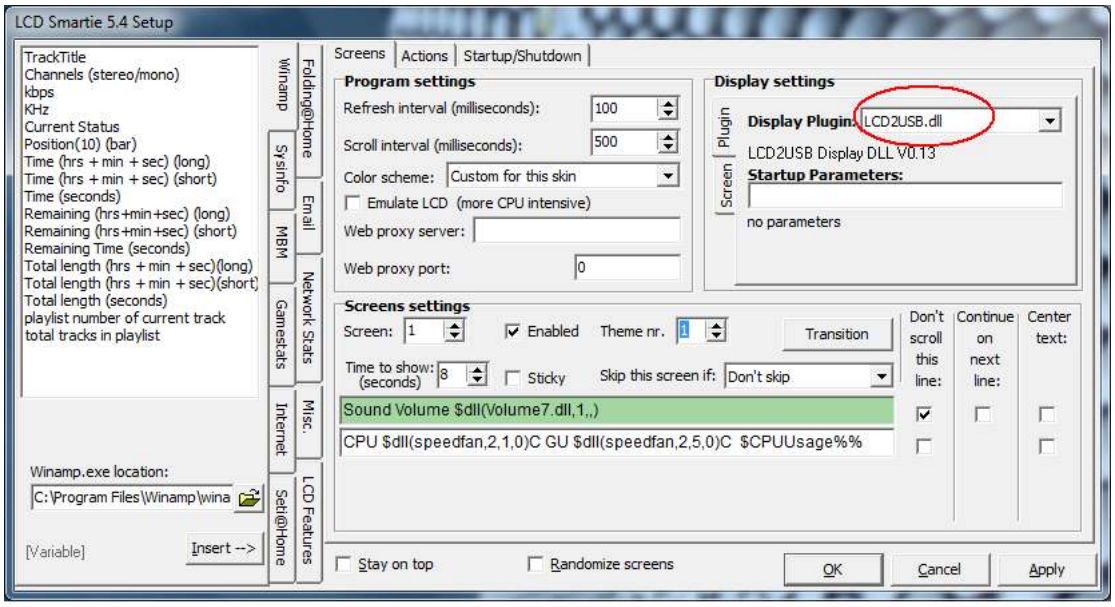
3.11 Close it

Update Driver Software - LCD2USB LCD Interface
Windows has successfully updated your driver software
Windows has finished installing the driver software for this device:
LCD2USB LCD Interface
Close

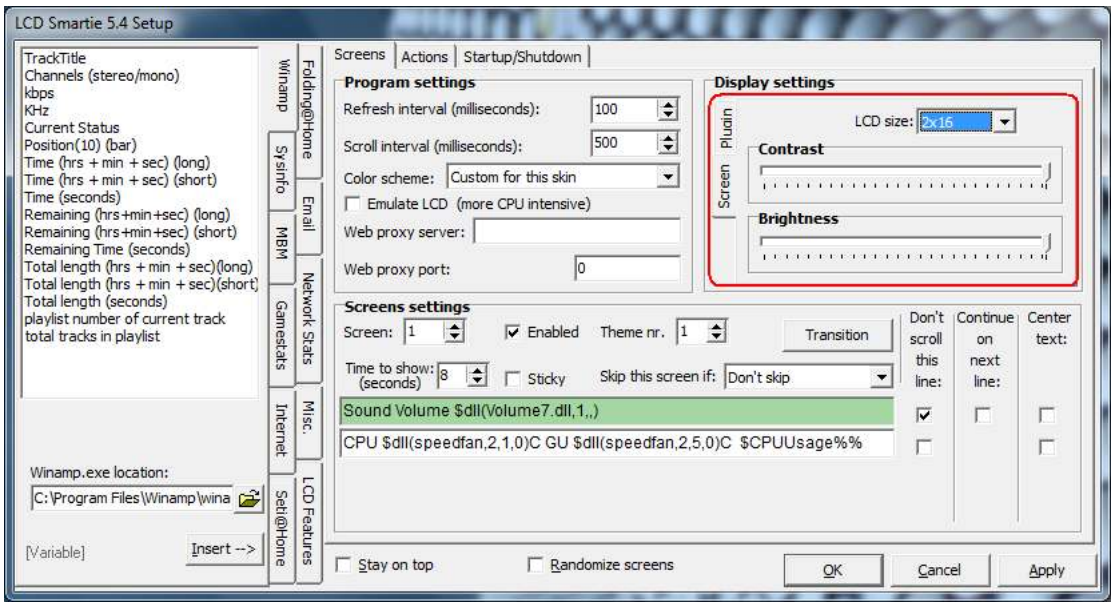
Chapter 4 Software Installation

4.1 Unzip the “lcd_smartie_v5.4” to any driver any folder you like.
4.2 Run “LCDSmartie”

4.3 Set the display plugin to “LCD2USB.dll” in setup



4.4 Change the LCD size to “2x16” and tune the LCD contrast and brightness of backlight



Note: For more details about LCDSmartie, please go through the official site of LCDSmartie http://lcdsmartie.sourceforge.net/